

IN THE CLAIMS:

Would the Office kindly enter the following amended claims.

1.(currently amended) A method for the treatment of ~~phosphor-containing waste waters~~  
pig manure using quarry fines, comprising the steps of:

separating said ~~waste water~~ pig manure into a solids faction and a liquid faction;

mixing said liquid faction with a mineral substance said quarry fines for a period  
of time sufficient to reduce the phosphor content thereof; and

separating said liquid faction from said mineral substance quarry fines to provide  
a liquid suitable for use as a fertilizer.

2.(currently amended) The method of Claim 1 wherein said mineral substance  
~~comprises quarry fines~~ quarry fines and liquid faction are mixed for at least 30 minutes.

3.(currently amended) The method of Claim 2 further including the step of measuring  
the nitrogen and phosphorus content of said ~~waste waters~~ pig manure prior to separating  
said ~~waster~~ waste water into a solids faction and liquid faction.

4.(currently amended) The method as defined in Claim ~~[[2]]~~ 3 wherein the ratio of  
nitrogen to  $P_2O_5$  is between 5 and 7.

5.(currently amended) The method of Claim ~~[[4]]~~ 1 wherein said ~~waste water~~ comprises  
~~pig manure~~ liquid faction is mixed with said quarry fines without any pre-treatment.

6.(currently amended) The method of Claim ~~[[5]]~~ 1 wherein the step of separating said  
pig manure comprises the step of passing said liquid manure through an endless screw  
separator wherein the liquid pig manure is forced through a filter under a pressure.

7.(original) The method of Claim 1 wherein said step of separating said pig manure into

a solids faction and liquid faction comprises the step of centrifuging said liquid pig manure.

8.(currently amended) The method of Claim [[2]] 1 wherein the step of separating said liquid from said quarry fines comprises the step of placing said quarry fines on a sloping surface

9.(currently amended) The method of Claim 2 wherein said treatment is carried out using mobile equipment at a farm producing said pig manure.

10.(cancelled)